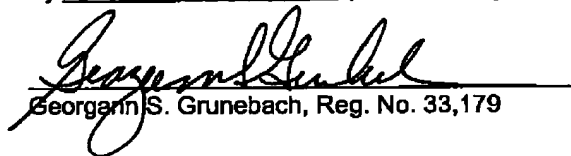


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By Georgann S. Grunebach (Name of Registered Representative)


Georgann S. Grunebach, Reg. No. 33,179

April 5, 2005
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Customer No. 020991

Patent
Docket No. PD-89418A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of

Date: April 5, 2005

Donald C. D. Chang, et al.

Serial No.: 09/973,270

Group Art Unit: 2634

Filed: 10/05/2001

Examiner: Wong, Linda

For: SAMPLING TECHNIQUE FOR DIGITAL BEAM FORMER

AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated January 25, 2005, please enter the following amendments and remarks.

FAX COVER SHEET

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Attention: Examiner: Linda Wong
Supervising Examiner: Stephen Chin
UNITED STATES PATENT AND TRADEMARK OFFICE
Examiner: Linda Wong
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Assistant General Counsel DIRECTV

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 April 5, 2005
Georgann S. Grunebach, Reg. No. 33,179 Date

Please find attached re:

Inventor: Donald C.D. Chang, et al.

Serial No.: 09/973,270

Filed: October 5, 2001

For: SAMPLING TECHNIQUE FOR DIGITAL BEAM FORMER

- > Amendment Transmittal
- > Response to PTO Communication of January 25, 2005
- > Amended Figure 2 - Replacement Sheet 2 of 3

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If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.
The DIRECTV Group, Inc., RE / R11 / A109, P.O. Box 956, El Segundo, CA 90245-0956

CUSTOMER NO.: 020991

PATENT
Docket No. PD-89418A**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Donald C.D. Chang, et al.

Serial No. 09/973,270

Filed: October 5, 2001

For: SAMPLING TECHNIQUE FOR DIGITAL BEAM FORMER

Date: April 5, 2005

Group Art Unit: 2634

Examiner: Linda Wong

AMENDMENT TRANSMITTAL LETTERMail Stop Amendment
COMMISSIONER FOR PATENTS
P. O. BOX 1450
ALEXANDRIA, VA 22313-1450

Sir:

Transmitted herewith is an amendment in the above-identified application.

Applicant petitions for an extension of time for months(s) to respond to the Office Action dated _____ . If an additional extension of time is required, please consider this a petition therefor.

Fee \$ _____

An extension for _____ months(s) has already been secured; the fee paid therefor of _____ is deducted from the total fee due for the total months of extension now requested.

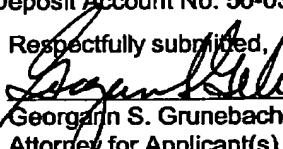
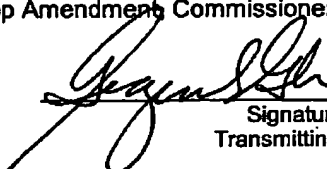
Extension fee due with this request \$ _____

☒ Applicant believes that no extension of time is required to respond to the Office Action dated January 25, 2005. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.☒ No additional fee for claims is required.☒ The fee for claims has been calculated as shown below:

CLAIMS AS AMENDED							
CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE	ADDITIONAL FEE
TOTAL CLAIMS	17	minus	20*	=	0	x \$ 50.00	\$ -0-
INDEPENDENT CLAIMS	4	minus	4*	=	0	x \$ 200.00	\$ -0-
MULTIPLE DEPENDENT CLAIMS						x \$ 360.00	\$ -0-
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:							\$ -0-

Charge \$-0- to Deposit Account No. 50-0383 of The DIRECTV Group, Inc. (formally Hughes Electronics Corporation), El Segundo, California. Please charge any additional fees for claims or credit overpayment to Deposit Account No. 50-0383. If any additional extension fee is required, please charge to Deposit Account No. 50-0383.

Respectfully submitted,


Georgann S. Grunebach, Registration No.: 33,179
Attorney for Applicant(s)**CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8**I hereby certify that the correspondence identified above is being facsimile transmitted to (703) 872-9306 (Centralized PTO Facsimile Number), and is addressed to: Mail Stop Amendment Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on April 5, 2005.Georgann S. Grunebach, Reg. No. 33,179Typed or printed name of person
Transmitting correspondence
Signature of person
Transmitting correspondenceCUSTOMER NUMBER 020991
The DIRECTV Group, Inc.
Patent Docket Administration
PO Box 956, RE/R11/A109
El Segundo, CA 90245-0956
Telephone: (310) 964-4615
Date: April 5, 2005* If less than 20, insert 20
** If less than 3, insert 3